



RISER DIAGRAM "A"  
STAGE II STEP (I) - DWG #E-5  
EXCEPT AS NOTED

SCHEDULE STAGE II STEP ① - TRANSFER LOADS TO BUS #3 & 4.		LOAD OUTAGES - SEE NOTE #6	
		* = CATEGORY "A" OR "B"	
		* = CATEGORY "C"	
CONDUIT DESIGNATION	- SHUTTLE ELEVATORS -		
CONTROL FOR SHUTTLE & BANK ELEVATORS			
CDTS	# C-12, C-14, C-16, C-18, C-20, C-22, C-24, C-26, C-28, & C-30		
	a. - INSTALL C DTS & WIRE FROM SHUTTLE & BANK ELEVATOR TRANSFER SWITCHES, AS SHOWN ABOVE		
	b. - CONNECT ALL CONTROL WIRE AS SHOWN ON DWG #E-98 LEGEND - <u>①</u>		
<u>1-1</u>	<u>NORMAL FEEDER TO SHUTTLE ELEV.</u>		
	a. - INSTALL <u>1-1</u> CDT & WIRE FROM SWGR. BUS #3 TO TRANSFER SWITCH		
	b. - INSTALL CDT, <u>1-1</u> FROM TRANSFER SWITCH TO POINT OF CONNECTION TO EXIST. CDT.		
	c. - REMOVE EXIST. FDR (1-1) FROM PHL EL-A-76W BACK TO EXIST. SWGR.		
** SEE NOTE #3	d. - CUT EXIST. CDT, (1-1) & REMOVE TO EXIST. SWGR.		
	e. - MAKE CONNECTION TO EXIST. CDT, AND INSTALL FEEDER FROM TRANSFER SWITCH FOR PANEL EL-A-76W VIA P.B. #8 (ENERGIZE)		
<u>A-2</u>	<u>EMERG. FEEDER TO SHUTTLE ELEV.</u>		
	a. - INSTALL A-2 CDT & WIRE FROM TRANSFER SWITCH TO EXIST. PANEL #EPC-75A, VIA P.B.13.		
* →	b. - DISCONNECT EXIST. & CONNECT FDR (A-2) AT PANEL. (ENERGIZE) - NOTE A-2 RUN TO EXIST. SUBSTATION SS-75S TO REMAIN.		
	c. - DISCONNECT EXIST. & CONNECT CONTROL WIRING DESIGNATED <u>①</u> ON DWG. #E-88		
	d. - REMOVE EXIST. FDR (A-2) BACK TO EXIST. ELEV. TRANSFER SWITCH.		
<u>1-BT</u>	<u>FIRE PUMP</u>		
	a. - INSTALL 1-BT CDT & WIRE FROM SWGR. BUS #4 TO FIRE PUMP CONTROL CABINET, VIA P.B. #8 & 15		
* →	b. - DISCONNECT EXIST. & CONNECT FDR (1-BT) AT FIRE PUMP CONTROL CABINET. (ENERGIZE)		
	c. - REMOVE EXIST. FDR (1-BT) BACK TO SWGR.		
<u>1-5</u>	<u>HOT WATER HEATERS</u>		
	a. - INSTALL 1-5 CDT & WIRE FROM SWGR. BUS #3 TO P.B. #9.		
* →	b. - DISCONNECT TEMPORARY & CONNECT FDR 1-5 IN P.B. #9. (ENERGIZE)		
	c. - REMOVE TEMPORARY FDR 1-5 BACK TO SWGR.		
<u>1-7</u>	<u>MOTOR CONTROL CENTER - MCC-N-75L</u>		
	a. - INSTALL 1-7 CDT & WIRE FROM SWGR. BUS #4 TO MCC-N-75L.		
* →	b. - DISCONNECT EXIST. & CONNECT FDR 1-7 AT MCC-N-75L. (ENERGIZE)		
	c. - REMOVE EXIST. FDR & CDT, 1-7 BACK TO SWGR.		
<u>1-3-TEMP</u>	<u>208/120V TRANSF. ELEC. CLOS. "N" 58-74H FLR'S.</u>		
	a. - INSTALL 1-3-TEMP CDT & WIRE FROM SWGR. BUS #4 TO 500KVA TRANSFORMER VIA P.B. #8.		
* →	b. - DISCONNECT EXIST. & CONNECT FDR 1-3-TEMP AT TRANSFORMER (ENERGIZE)		
	c. - REMOVE EXIST. FDR (1-3) BACK TO SWGR.		
<u>R-1-TEMP</u>	<u>208/120V TRANSF. ELEC. CLOS. "N" 77-92ND FLR'S.</u>		
	a. - INSTALL R-1-TEMP CDT & WIRE FROM SWGR. BUS #3 TO 500KVA TRANSFORMER VIA P.B. #8.		
* →	b. - DISCONNECT EXIST. & CONNECT FDR R-1-TEMP AT TRANSFORMER (ENERGIZE)		
	c. - REMOVE EXIST. FDR (R-1) BACK TO SWGR.		
<u>1-4b</u>	<u>480/277V ELEC. CLOS. "N" 59th TO 74th FLR'S</u>		
	<u>FUTURE RUN 59th THRU 86th FLR'S</u>		
	a. - INSTALL BUSWAY 1-4b FROM SWGR. BUS #3 TO END CAP & "T" TO EXIST. BUSWAY 1-4.		
* {	b. - DISCONNECT EXISTING BUSWAY 1-4 AND REMOVE BACK TO EXIST. SWGR.		
	c. - INSTALL BUSWAY TRANSITION BOX ON EXIST. L-4 BUSWAY & CONNECT BUSWAY 1-4b. (ENERGIZE)		
<u>1-4a</u>	<u>480/277V ELEC. CLOS. "N" FUTURE 67th TO 74th FLR'S</u>		
	a. - INSTALL BUSWAY 1-4a FROM SWGR. BUS #4 TO END CAP.		

